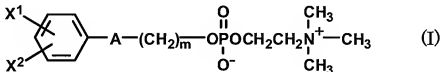


AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims for this application.

1. (Currently Amended) A compound ~~having a phosphorylcholine group~~, represented by the formula (I):



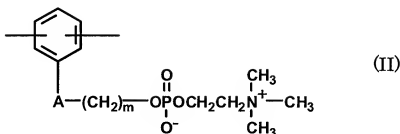
wherein X^1 and X^2 are both amino groups or both $-\text{COOR}^1$ groups where R^1 's may be the same or different from each other and are each a hydrogen atom or a carboxyl-protective group; A is a bond selected from a single bond, $-\text{O}-$, $-\text{COO}-$, $-\text{OOC}-$, $-\text{CONH}-$, $-\text{NH}-$, $-\text{NHCO}-$, $-\text{NR}^2-$ and $-\text{CH}_2\text{O}-$ where R^2 is an alkyl group having 1 to 6 carbon atoms; and m is an integer of 1 to 12.

2. (Currently Amended) The compound ~~having a phosphorylcholine group~~ according to claim 1, wherein X^1 and X^2 are both amino groups.

3. (Currently Amended) The compound ~~having a phosphorylcholine group~~ according to claim 1, wherein X^1 and X^2 are both $-\text{COOR}^1$ groups where R^1 's are both hydrogen atoms.

4. (Currently Amended) The compound ~~having a phosphorylcholine group~~ according to claim 1, wherein X^1 and X^2 are both $-\text{COOR}^1$ groups where R^1 's may be the same or different from each other and are each an alkyl group having 1 to 6 carbon atoms, a substituted or unsubstituted arylmethyl group, a cyclic ether residue, an alkylsilyl group or an alkylphenylsilyl group.

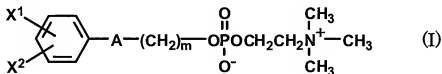
5. (Withdrawn) A polymer comprising at least 1 mol% of repeating units with a phosphorylcholine group and having a number-average molecular weight of 1,000 or more, the repeating units with a phosphorylcholine group being represented by the formula (II):



wherein A is a bond selected from a single bond, -O-, -COO-, -OOC-, -CONH-, -NH-, -NHCO-, -NR²- and -CH₂O- where R² is an alkyl group having 1 to 6 carbon atoms; and m is an integer of 1 to 12.

6. (Withdrawn) The polymer according to claim 5, which has one or more bonds selected from an amido bond, an ester bond, a urethane bond, a urea bond and an imido bond within its main chain skeleton.

7. (Withdrawn) A process for producing a polymer as described in claim 5, which process comprises performing polycondensation or polyaddition of a compound having a phosphorylcholine group represented by the formula (I) and another polymerizable monomer:



wherein X¹ and X² are both amino groups or -COOR¹ groups where R¹'s may be the same or different from each other and are each a hydrogen atom or a carboxyl-protective group; A is a bond selected from a single bond, -O-, -COO-, -OOC-, -CONH-, -NH-, -NHCO-, -NR²- and -CH₂O- where R² is an alkyl group having 1 to 6 carbon atoms; and m is an integer of 1 to 12.

8. (Withdrawn) The process according to claim 7, wherein the other polymerizable monomer is one or more monomers selected from a dicarboxylic acid, a dicarboxylic acid derivative, a tetracarboxylic dianhydride, a diisocyanate compound, a diamine compound and a diol compound.

9. (New) The compound according to claim 2, wherein A is a -COO- group.